Abstract

There are provided a stitch cam including a first cam (50, 150, 250) in which a stitch size determining cam surface for a large-sized stitch (61, 161, 261) and a receiving cam surface (63, 163, 305) are formed in the same phase, and a second cam (80, 180, 280) which has a common retracting cam surface and in which a receiving cam surface (95, 195, 331) is formed in the same phase as a stitch size determining cam surface for the small-sized stitch (89, 189, 289), and drive means for the first cam and the second cam, wherein the second cam is supported on the first cam in such a manner that when the first cam is shifted in the front-and-back direction by the drive means of the first cam, the second cam is shifted together in the front-and-back direction and also shifted relative thereto in the front-and-back direction by the drive means of the second cam so that the stitch size determining cam surface provided in the second cam can be displaced with respect to the stitch size determining cam surface provided in the first cam, whereby a small-sized stitch and a large-sized stitch are formed in the same course.